WebGL MiniFramework Version1

Main	 init create Camera and set its properties for each object in the scene create program and set its properties create material create mesh create sceneObject with this mesh and material update update camera drawSceneObjects(renders all sceneObjects)
Camera	 update clearScene calculate viewMatrix clearScene set viewPort set perspective matrix calculateViewMatrix
Material	 draw program.prepareRender communication with vertex attributes set custom uniforms call drawElements
Mesh	 Create and fill the necesssary buffers for mesh vertexBuffer indexBuffer colorBuffer etc Functions for creating meshes createPyramidMesh createBoxMesh etc Function for loading external meshes
Program	 InitShader process Get shader source Compile shaders Create program Attach shaders to the program Link program get shader variable locations attribute location uniform location prepareRender (modelMatrix, camera) set projection matrix uniform calculate modelViewMatrix and set modelViewMatrixUniform
SceneObject(mesh, material)	 calculate model matrix render calculateModelMatrix material.draw push this to window.sceneObjects drawSceneObjects render all sceneObjects